



## Las Vegas Fire & Rescue Fire Prevention Division Information Sheet



Effective Date: February 1, 2011

CLV Ordinance #6124

*The items listed are basic information only. Codes are subject to change. Additional requirements may apply.*

# Smoke Dampers

A service opening shall be provided in air ducts adjacent to each fire damper, smoke damper, and any smoke detectors that need access for installation, cleaning, maintenance, inspection, and testing.

**NFPA 90A 4.3.5.1**

Service openings shall be identified with letters having a minimum height of ½ inch to indicate the location of the fire protection device within. **NFPA 90A 4.3.5.2**

Openings in walls or ceilings shall be provided so that service openings in air ducts are accessible for maintenance and inspection needs. **NFPA 90A 4.3.5.5**

Smoke dampers shall be controlled by an automatic alarm-initiated device. **NFPA 90A 6.3.1**

Smoke dampers installed to isolate the air-handling system shall be arranged to close automatically when the system is not in operation. **NFPA 90A 6.3.3**

Smoke dampers shall be permitted to remain open when their associated fan is off, provided their associated controlling damper actuators and automatic alarm-initiating devices remain operational.

**NFPA 90A 6.3.4**

An acceptance test shall be performed to determine that the protective measures required in NFPA 90A function when needed in order to restrict the spread of fire and smoke. **NFPA 90A 7.1.1**

All fire dampers, smoke dampers and ceiling dampers shall be operated prior to the occupancy of a building to determine that they function in accordance with the requirements of NFPA 90A.

**NFPA 90A 7.2**

Acceptance tests of fire protection devices in air-conditioning and ventilation systems shall, as far as practicable, be performed under normal operating conditions. **NFPA 90A 7.3.2**

**Las Vegas Fire & Rescue**  
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